INFORMATION DISCLOSURE STATEMENT PTO-1449			Atty. Docket No. 040176			Serial No. New Application.				
			Applicant(s): MATSUZAKI, Koichi, et al.							
		Filing Date: April 13, 2004				Group Art Unit: To Be Assigned				
				U.S. PAT	ENT DO	CUMEN	rs .			
Examiner Initial		Docum	ent No.	Name		Date	Class	Subclass	Filing Date (If appropriate)	
	AA									
	AB			•						
	AC									
	AD							· · · · · · · · · · · · · · · · · · ·		
			F	OREIGN P	ATENT	DOCUMI	ENTS		,	
Document No. Date Country Translation (Yes or No)										
	AE									
-	AI		•	<u>.</u>						
				ОТНЕ	R DOCU	MENTS				
PR PR	AJ									
	AK	Kretzschmar et al., Nature 389:618-622 (1997), discussed in the specification.								
PR	AK	Heldin et al., Nature 390:465-471 (1997), discussed in the specification.								
Examiner	/Peter	Redd	lg/	· Da	ate Consid	lered	11/28/2006			

JUN 0 7 2004

INFOR	MATIGNO	Atty. Doci	ket No. 040176		Serial No. 10/822,860						
CITA	OSURE	Applicant	(s): MATSUZAKI, I	Koichi, et al.							
P10	-1449	Filing Date	Filing Date: April 13, 2004			Group Art Unit: Not Yet Assigned					
			U.S. PATE	NT DOCUMENTS							
Examiner Initial	·	Document No.	Name	Date	Class	Sub class	Filing Date (If appropriate)				
	AA AB				· ·						
			FOREIGN PA	TENT DOCUMEN	TS						
		Document No.		Date	Country Translation (Yes or No)						
	AC AD										
	175		OTHER	DOCUMENTS							
PR	AE	ifferentially affects									
PR ——— PR	AF	Wang et al; "Re Cells*"; J. Biolo	Wang et al; "Requirement of Mitogen-activated Protein Kinase Kinase 3in Murine Mesangial Cells*"; J. Biological Chemistry; 2002; 277:49 pp47257-47262.								
	AG	Leioven et al; " Fibroblasts" J.	Leioven et al; "Smad3 Mediates Transforming Growth Factor-β-induced Colagenase-3 Fibroblasts" J. Biological Chemistry; 2002; 277:48; pp46338-45346.								
	АН	Bakin et al; "p38 mitogen-activated protein kinase is required for TGF-β-mediated fibroblastic transdifferentiation and cell migration;" J. Cell Science 2002; 115, pp3192-3206.									
PR	Al Tahashi et al; "Differential Regulation of TGF-β Signal inRat Liver Injury;" American Associ for Liver Studies; 2002; pp 49-61.										
PR	L'A	Matsuzaki et al; "Modulation of transforming growth factor β function in hepatocytes and hepatic stellate cells in rat liver injury;" GUT, May 2000; 46:3; pp 719-724.									
PR	AK	Matsuzaki et al; "Regulatory Mechanisms for Transforming Growth Factor β as an Autocrine Irin Its Growth;" American Association for Liver Studies 2000; pp218-227.									
PR	AL Matsuzaki et al; "Autocrine Stimulatory Mechanism by Transforming Growth Factor β in Human Hepatocellular Carcinoma"; Cancer Research 60; March 1 2000; pp 1394-1402.										
PR	AM										
PR	AN Moustakas et al; "Smad regulation in TGF-β signal transduction"; J. Cell Science 2001; 113 4359-4369.										
_PR	AO	AO Date et al; "Differential expression of transforming growth factor-β and its receptors in and nonparenchymal cells of rat liver after CCl₄ administration"; J. Hepatology 1998; 20									
	AP										
PR	AQ	Kretzschmar et mediator Smad	t al; "Opposing BMP I-1;" Nature (Octobe	and EGF signallir r 1997) 389:9; pp	ng pathways conve 618-622.	erge on th	e TGF-β family				
Examiner		Peter Reddig	Date Consi	idered	11/28/20	06					